

Minutes

March 1st, 2018

Old Business:

- materials ordered

New Business:

- Parts should be in march 2nd due to order delay
- learn about RS485 – Jake
- Learn about sharing data and CLK lines to maybe use UNO – Feifan
- Talk to Amie about getting sensor box back

Action item:

- Assemble hardware/box
- Establish RS 485 communication
- Begin to streamline assembly process

Minutes

March 15th, 2018

Old Business

- Research on SPI data sheet of our sensor.
- Discuss about the our snap shot day

New Business

- Use thermocouple to calibrate the sensor's emissivity.
- Adjust the emissivity rate.

Minutes

March 16th, 2018

Old Business

- Research on SPI data sheet of our sensor.
- Discuss about the our snap shot day

New Business

- Use thermocouple to calibrate the sensor's emissivity.
- Adjust the emissivity rate.

Minutes

March 22th, 2018

Old Business:

- Snap shot day recap

New Business:

- Measure the temperature though thermocouple
- Calibrate the sensor's emissivity
- Design the housing for the Arduino

Action Items:

- Feifan and Anthony calibration the emissivity
- Aziz and Jacob design the housing

Minutes

March 29th, 2018

Old Business

- Discuss the results of sensor average temp readout.

New Business

- Figure out why temp readout is little lower than the realistic value.
- Start soldering the five wires into the sensor.

Minutes

March 8th, 2018

Old Business

- Prepare for the snap shot day
- Use SPI to shear clock line and data line.

New Business

- Find and explore the way to reduce wires .
- Find a way to decrease line.